

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/671,953

DATE: 08/21/2001
TIME: 11:11:34

Input Set : A:\Uco991-2.app
Output Set: N:\CRF3\08162001\I671953.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Meares, Claude
4 Chmura, Albert
5 The Regents of the University of California
7 <120> TITLE OF INVENTION: Engineering Antibodies That Bind Irreversibly
9 <130> FILE REFERENCE: 023070-099120US
11 <140> CURRENT APPLICATION NUMBER: US 09/671,953
12 <141> CURRENT FILING DATE: 2000-09-27
14 <150> PRIOR APPLICATION NUMBER: US 60/156,194
15 <151> PRIOR FILING DATE: 1999-09-27
17 <150> PRIOR APPLICATION NUMBER: US 60/208,684
18 <151> PRIOR FILING DATE: 2000-05-31
20 <160> NUMBER OF SEQ ID NOS: 23
22 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

442 <210> SEQ ID NO: 16
443 <211> LENGTH: 360
444 <212> TYPE: DNA
445 <213> ORGANISM: Artificial Sequence
447 <220> FEATURE:
448 <223> OTHER INFORMATION: Description of Artificial Sequence: V-H sequence of ↘
E--> 449 *cha255* ↗
 451 <220> FEATURE:
 452 <221> NAME/KEY: CDS
 453 <222> LOCATION: (1)..(360)
W--> 455 <210> SEQ ID NO:
W--> 455 <211> LENGTH:
W--> 455 <212> TYPE:
W--> 455 <213> ORGANISM:
 455 <400> SEQUENCE: 16
E--> 456 gaa gtg acg ctg gtg gag tct ggg gga gac tca gtg aag cct gga ggg 48
 457 Glu Val Thr Leu Val Glu Ser Gly Gly Asp Ser Val Lys Pro Gly Gly
 458 1 5 10 15
 460 tcc ctg aaa ctc tcc tgt gca gcc tct gga ttc act tta agt ggt gaa 96
 461 Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Leu Ser Gly Glu
 462 20 25 30
 464 acc atg tct tgg gtt cgc cag act ccg gag aag agg ctg gag tgg gtc 144
 465 Thr Met Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val
 466 35 40 45
 468 gca acc act ctt agt ggt ggt ttc acc ttc tat tca gcc agt gtg 192
 469 Ala Thr Thr Leu Ser Gly Gly Phe Thr Phe Tyr Ser Ala Ser Val
 470 50 55 60
 472 aag ggt cgt ttc acc atc tcc aga gac aat gcc cag aac aac ctc tat 240
 473 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Gln Asn Asn Leu Tyr
 474 65 70 75 80

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476 cta caa ctg aat agt ctg agg gag gac acg gcc ttg tat ttc tgt 288
477 Leu Gln Leu Asn Ser Leu Arg Ser Glu Asp Thr Ala Leu Tyr Phe Cys
478 85 90 95
480 gca agt cat cgg ttt gtt cac tgg ggc cac ggg act ctg gtc act gtc 336
481 Ala Ser His Arg Phe Val His Trp Gly His Gly Thr Leu Val Thr Val
482 100 105 110
484 tct gca gcc aaa acg aca ccc cca 360
485 Ser Ala Ala Lys Thr Thr Pro Pro
486 115 120

489 <210> SEQ ID NO: 17

490 <211> LENGTH: 120

491 <212> TYPE: PRT

492 <213> ORGANISM: Artificial Sequence

W--> 493 <220> FEATURE:

493 <223> OTHER INFORMATION: Description of Artificial Sequence: V-H sequence of

E--> 494 CHA255

W--> 496 <210> SEQ ID NO:

W--> 496 <211> LENGTH:

W--> 496 <212> TYPE:

W--> 496 <213> ORGANISM:

496 <400> SEQUENCE: 17

E--> 497 Glu Val Thr Leu Val Glu Ser Gly Gly Asp Ser Val Lys Pro Gly Gly
498 1 5 10 15
500 Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Leu Ser Gly Glu
501 20 25 30
503 Thr Met Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val
504 35 40 45
506 Ala Thr Thr Leu Ser Gly Gly Phe Thr Phe Tyr Ser Ala Ser Val
507 50 55 60
509 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Gln Asn Asn Leu Tyr
510 65 70 75 80
512 Leu Gln Leu Asn Ser Leu Arg Ser Glu Asp Thr Ala Leu Tyr Phe Cys
513 85 90 95
515 Ala Ser His Arg Phe Val His Trp Gly His Gly Thr Leu Val Thr Val
516 100 105 110
518 Ser Ala Ala Lys Thr Thr Pro Pro
519 115 120

VERIFICATION SUMMARY
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Input Set : A:\Uco991-2.app
Output Set: N:\CRF3\08162001\I671953.raw

L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:449 M:254 E: No. of Bases conflict, LENGTH:Input:255 Counted:3 SEQ:16
L:449 M:112 C: (48) String data converted to lower case,
L:449 M:252 E: No. of Seq. differs, <211>LENGTH:Input:360 Found:3 SEQ:16
L:455 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:455 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:455 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:455 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:493 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:494 M:252 E: No. of Seq. differs, <211>LENGTH:Input:120 Found:0 SEQ:17
L:496 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:496 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:496 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:496 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:609 M:258 W: Mandatory Feature missing, <220> FEATURE: